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Illinois
Environmental
Protection Agency

Bureau of Water
P.O. Box 19276
Springfield, IL 62794-9276

May 2001

Illinois EPA

TOTAL MAXIMUM DAILY LOADS

DEPOSITORY

JUN 15 2001

UNIVERSITY OF ILLINOIS
AT URBANA-CHAMPAIGN

A Citizen's Guide



WHAT IS A TMDL?

A TMDL or Total Maximum Daily Load is the sum of the allowable amount of a single pollutant (nutrients, siltation, metals, etc.) that a waterbody can receive from all contributing point and nonpoint sources and still meet water quality standards or designated uses.

A TMDL will include a watershed implementation plan that will detail the actions necessary to reduce pollutant loads to the waterbody.

The TMDL also includes a margin of safety to ensure that the waterbody can be used for purposes such as drinking water supply, swimming and fishing.

TMDL FACTS

Section 303(d) of the federal Clean Water Act requires Illinois EPA to identify impaired waters for the development of TMDLs.

For the 1998 Illinois Water Quality Report, Illinois EPA assessed 28,449 miles of streams and 188,288 acres of lakes.

Illinois EPA's 303(d) list includes 741 waters encompassing 4,802 stream miles and 133,234 lake acres.

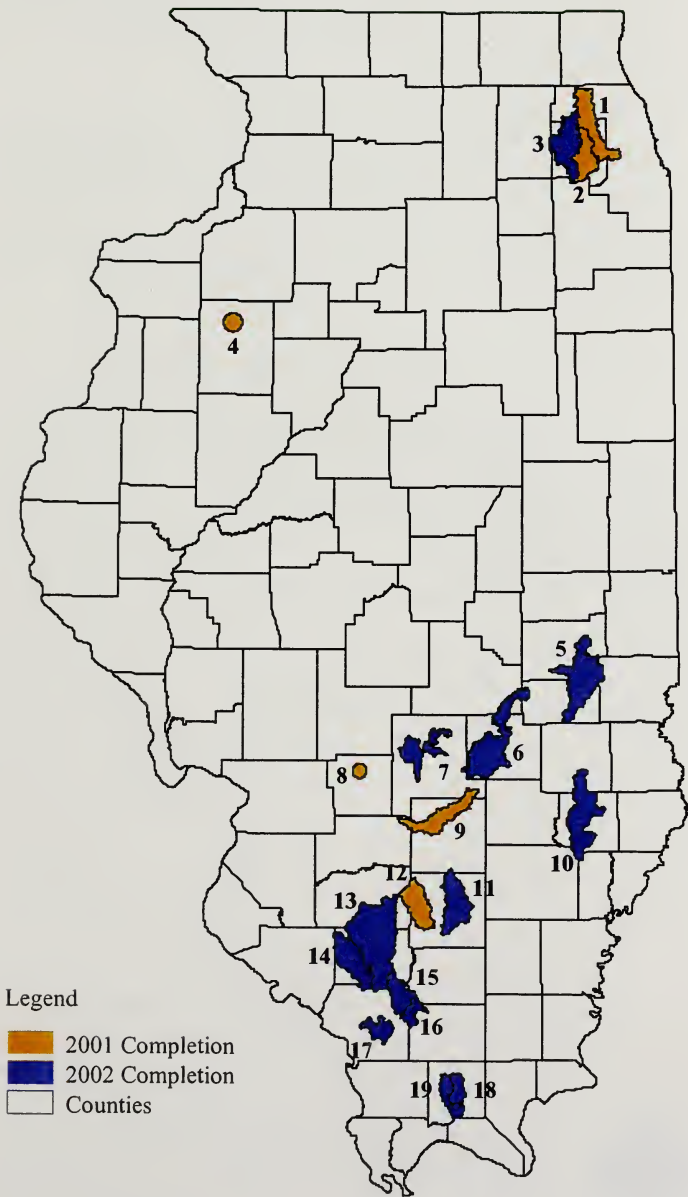
Illinois EPA has delineated 820 watersheds within Illinois, of which 338 contain one or more 303(d) listed waters.

Illinois EPA's 303(d) list contains a total of 2,863 impairments caused by 23 different pollutants.

Fifteen of the 23 causes of impairment make up 98 percent of all impairments.

The causes and sources of impairment are listed in the right column of this page.

WATERSHEDS UNDER TMDL DEVELOPMENT



WATERSHEDS UNDER TMDL DEVELOPMENT

	WATERBODY	COUNTY
1	Salt Creek	DuPage
2	East Branch DuPage River	DuPage
3	West Branch DuPage River	DuPage
4	Cedar Creek	Knox
5	Charleston Side Channel	Coles/Cumberland
6	Little Wabash River	Shelby/Effingham
7	Vandalia Lake	Fayette
8	Governor Bond Lake	Bond
9	East Fork Kaskaskia River	Marion
10	Fox River	Jasper/Richland
11	Casey Fork	Jefferson
12	Rayse Creek	Jefferson/Washington
13	Beaucoup Creek	Washington/Perry
14	Bonnie Creek	Perry
15	Little Muddy River	Jackson
16	Big Muddy River	Williamson
17	Big Muddy River	Jackson
18	Little Cache Creek	Johnson
19	Dutchman Creek	Johnson

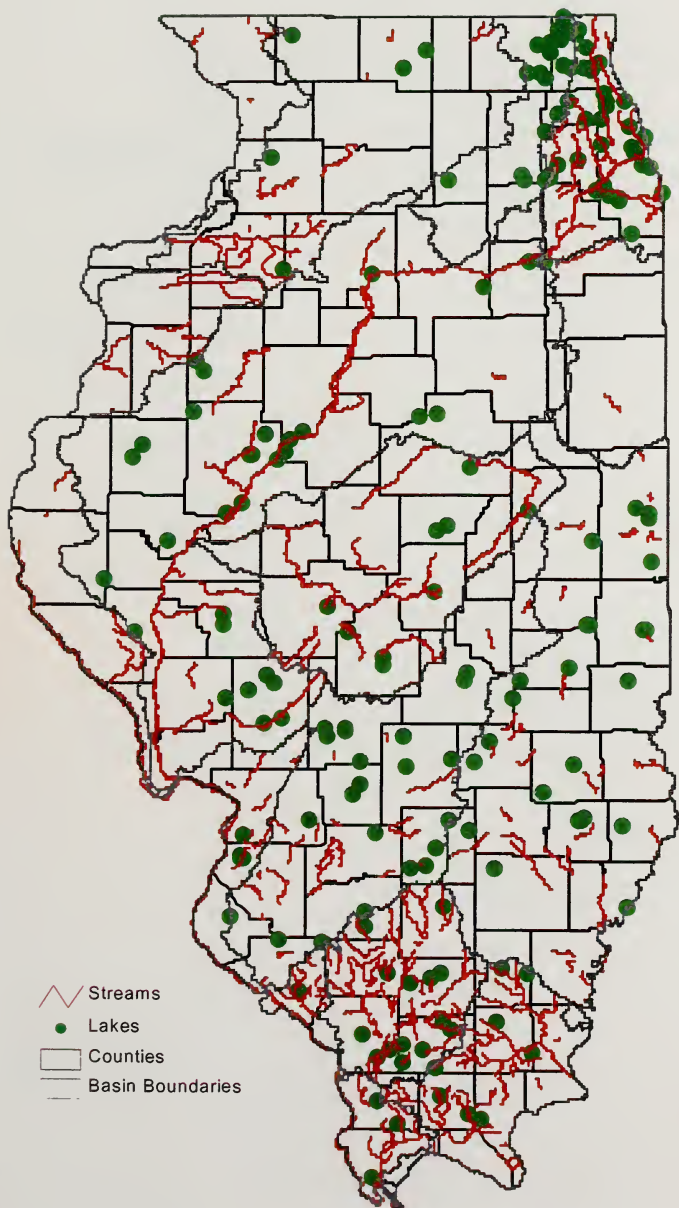
CAUSES OF IMPAIRMENT (Most Frequently Found)

Nutrients	Priority Organics
Siltation	Salinity/TDS/Chlorides
Suspended Solids	Other Inorganics
Organic Enrichment/DO	Ammonia
Metals	Pathogens
Habitat Alterations	pH
Noxious Aquatic Plants	Pesticides
Flow Alterations	

SOURCES OF IMPAIRMENT

- Agriculture
- Construction
- Hydrologic/Habitat Modification
- Industrial Point Source
- Municipal Point Source
- Resource Extraction

TMDL LISTED LAKES & STREAMS (1998)





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The Illinois EPA's Bureau of Water implements the Total Maximum Daily Load (TMDL) program in accordance with Section 303(d) of the federal Clean Water Act.

Illinois EPA views TMDLs as a tool for developing water quality based solutions that are incorporated into an overall watershed management approach.

All impaired waters on the 303(d) List are required to have TMDLs developed for water quality attainment.

For additional information about TMDLs contact:

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ILLINOIS ENVIRONMENTAL PROTECTION AGENCY
BUREAU OF WATER
WATERSHED MANAGEMENT SECTION
PLANNING UNIT
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